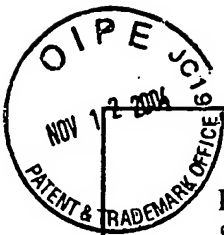


[illegible]



Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/083,967
Filing Date	February 25, 2002
First Named Inventor	Kambe et al.
Art Unit	1714
Examiner Name	Unknown
Attorney Docket Number	2950.51US02

Sheet

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of

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL [*]	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code ² (if known)		
P.C.		US- 4,680,204	07/14/1987	Das et al.
		US- 4,927,464	05/29/1990	Cowie
		US- 5,068,056	11/26/1991	Robb
		US- 5,075,206	12/24/1991	Noda et al.
		US- 5,270,076	12/14/1993	Evers
		US- 5,683,501	11/04/1997	Tomihisa et al.
		US- 5,853,809	12/29/1998	Campbell et al.
		US- 5,902,569	05/11/1999	Oshima et al.
		US- 5,935,890	08/10/1999	Mc Laughlin et al.
		US- 6,001,326	12/14/1999	Kim et al.
		US- 6,329,058	12/11/2001	Arney et al.
		US- 6,407,156	06/18/2002	Hagihara et al.
		US- 6,432,526	08/13/2002	Arney et al.
		US- 6,593,417	07/15/2003	Anderson et al.
		US-		
		US-		
		US-		
		US-		
		US-		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL [*]	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			

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FORM PTO-1449 MODIFIED

Docket No.:
2950.51US02

Application No. **042003**
10/083,967

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

APPLICANT: KAMBE et al.

FILING DATE: February 25, 2002

GROUP ART UNIT: 1714

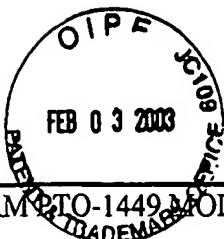
U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>cc</i>	4,828,695	05/1989	Yamamura et al.			
	4,842,832	06/1989	Inoue et al.			
	4,844,578	07/1989	Pierini et al.			
	4,955,692	09/1990	Merlin et al.			
	4,972,008	11/1990	Lee et al.			
	5,108,201	04/1992	Matsuura et al.			
	5,130,362	07/1992	Pasad et al.			
	5,372,749	12/1994	Li et al.			
	5,447,708	09/1995	Helble et al.			
	5,494,949	02/1996	Kinkel et al.			
	5,497,445	03/1996	Imoto			
	5,698,309	12/1997	Dallmann et al.			
	5,789,326	08/1998	Hansen et al.			
	5,807,364	09/1998	Hansen			
	5,837,804	11/1998	Yamagishi et al.			
	5,857,039	01/1999	Bose et al.			
	5,952,125	09/1999	Bi et al.			
	5,958,348	09/1999	Bi et al.			
	5,965,299	10/1999	Khan et al.			
	5,968,652	10/1999	Hanggi et al.			
	5,989,111	11/1999	Lamphere et al.			
	5,989,514	11/1999	Bi et al.			
	5,990,024	11/1999	Blum et al.			
	5,997,795	12/1999	Danforth et al.			
	6,002,522	12/1999	Todori et al.			
	6,005,707	12/1999	Berggren et al.			
	6,026,209	02/2000	Rhee et al.			
	6,080,337	06/2000	Kambe et al.			
	6,088,492	07/2000	Kancko et al.			
	6,091,537	07/2000	Sun et al.			
	6,091,879	07/2000	Chan et al.			
<i>cc</i>	6,106,798	08/2000	Kambe et al.			
	6,107,364	08/2000	Fong et al.			

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FORM PTO-1449 MODIFIED INFORMATION DISCLOSURE CITATION IN AN APPLICATION				Docket No.: 2950.51US02		Application No.: 10/083,962	
				APPLICANT: KAMBE et al.			
				FILING DATE: February 25, 2002			
				GROUP ART UNIT: 1714			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
P.C.	6,136,287	10/2000	Horne et al.				
	6,136,905	10/2000	Suzuki et al.				
	6,139,626	10/2000	Norris et al.				
	6,144,795	11/2000	Dawes et al.				
	6,211,931	04/2001	Fukao et al.				
	6,229,949	05/2001	Ido et al.				
	6,236,774	05/2001	Lackritz et al.				
	6,282,335	08/2001	Lösch et al.				
	6,311,004	10/2001	Kenney et al.				
	6,339,030	01/2002	Constant et al.				
De	2002/0192476	12/2002	Kambe et al.				
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
P.C.	WO 98/35248	08/1998	PCT				
	WO 01/32799	05/2001	PCT				
De	WO 01/81079	11/2001	PCT				
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)							
De	Zimmerman et al., "High refractive index films of polymer nanocomposite". J. Mater. Res., Vol. 8, No. 7, pp. 1742-1748, July 1993.						
	Yang et al., "Hierarchically Ordered Oxides", Science, Vol. 282, pp. 2244-2246, 18 December 1998.						
	Encyclopedia of Polymer Science and Engineering, Vol. 4, Wiley-Interscience, Edited by Mark et al., pages 288-289, 1986.						
	Watanabe et al., "Polymer arrayed-waveguide grating multiplexer with wide tuning range", Electronics Letters, Vol. 33, No. 18, August 28, 1997, pp. 1547-1548.						
	Bi et al., "Three Dimensional Engineering of Planar Optical Structures," U.S. Patent Application No. 10/027,906, filed December 21, 2002, 131 pages (application & drawings as filed).						
De	Horne et al., "Optical Materials and Optical Devices," U.S. Patent Application No. 10/099,597, filed March 15, 2002, 142 pages (application & drawings as filed).						
EXAMINER SIGNATURE <i>De</i>				DATE CONSIDERED <i>6/05/02</i>			
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